

AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-16. (Canceled)

17. (Currently Amended) A liquid complete nutritional composition suitable for feeding cachectic patients and having an energy density of at least 1.45 kcal/ml (at least 6.06 kJ/ml), comprising:

- (a) a carbohydrate fraction in an amount of 17-27 g per 100 ml (0.68-1.08 kcal/ml);
- (b) ~~[[a]]~~ an intact protein fraction in an amount of 8.2-~~[[12]]~~ 11 g per 100 ml (0.31-0.48 kcal/ml); and
- (c) a lipid fraction,

wherein at least 70 wt.% of the protein fraction is obtained by demineralising milk, and wherein the intact protein fraction comprises between 25 and 37 wt.% of whey proteins and at least 8.2 g of intact protein per 100 ml.

18. (Previously Presented) The liquid composition according to claim 17, in which the demineralising is performed by ultrafiltration.

19. (Previously Presented) The liquid composition according to claim 17, in which the carbohydrate fraction comprises 15-45 wt.% of a non-reducing monosaccharide, a non-reducing disaccharide and/or a non-reducing trisaccharide, wherein the non-reducing disaccharide is not sucrose.

20. (Previously Presented) The composition according to claim 19, in which the non-reducing disaccharide is trehalose.

21. (Previously Presented) The liquid composition according to claim 17, in which the protein fraction comprises at least 1.0 wt.% of cysteine residues.
22. (Previously Presented) The liquid composition according to claim 17 which further comprises 0.5-6 g fibre per 100 ml.
23. (Previously Presented) The liquid composition according to claim 17, in which the protein fraction is in an amount of 8.5-12 g per 100 ml.
24. (Previously Presented) The liquid composition according to claim 23, in which the protein fraction is in an amount of 8.7-12 g per 100 ml.
25. (Previously Presented) The liquid composition according to claim 17, in which the protein fraction comprises at least 8.6 wt.% of lysine residues, at least 2.5 wt.% of methionine residues and at least 0.5 wt.% of cysteine residues.
26. (Previously Presented) The liquid composition according to claim 17, in which the intact protein is casein.
27. (Previously Presented) The liquid composition according to claim 26, which comprises 60-90 wt.% casein.
28. (Previously Presented) The liquid composition according to claim 27, which comprises 65-78 wt.% casein.
29. (Previously Presented) The liquid composition according to claim 17, in which the lipid fraction is in an amount of 5.0-7.0 g per 100 ml (0.45-0.63 kcal/ml).

30. (Previously Presented) The liquid composition according to claim 17 having a viscosity below 50 mPa.s at a shear rate of 100 s⁻¹ and a temperature of 20°C.

31. (Previously Presented) The liquid composition according to claim 17, in which the carbohydrate fraction comprises 18-23.5 g per 100 ml of digestible carbohydrates.

32. (Currently Amended) A liquid complete nutritional composition suitable for feeding cachectic patients and having an energy density of at least 1.45 kcal/ml (at least 6.06 kJ/ml), comprising:

(a) a carbohydrate fraction in an amount of 17-27 g per 100 ml (0.68-1.08 kcal/ml);

(b) ~~[[a]]~~ an intact protein fraction in an amount of 8.2-~~[[12]]~~ 11 g per 100 ml (0.31-0.48 kcal/ml); and

(c) a lipid fraction;

wherein at least 70 wt.% of the protein fraction is obtained by demineralising milk, and wherein the intact protein fraction comprises less than 5 wt.% of free amino acids and at least 8.2 g of intact protein per 100 ml.

33. (Previously Presented) The liquid composition according to claim 32, in which the protein fraction comprises at least 1.0 wt.% of cysteine residues.

34. (Previously Presented) The liquid composition according to claim 32 which further comprises 0.5-6 g fibre per 100 ml.

35. (Previously Presented) The liquid composition according to claim 32, in which the protein fraction is in an amount of 8.5-12 g per 100 ml.

36. (Previously Presented) The liquid composition according to claim 35, in which the protein fraction is in an amount of 8.7-12 g per 100 ml.

37. (Previously Presented) The liquid composition according to claim 32, in which the protein fraction comprises at least 8.6 wt.% of lysine residues, at least 2.5 wt.% of methionine residues and at least 0.5 wt.% of cysteine residues.
38. (Previously Presented) The liquid composition according to claim 32, in which the intact protein is casein.
39. (Previously Presented) The liquid composition according to claim 38, which comprises 60-90 wt.% casein.
40. (Previously Presented) The liquid composition according to claim 39, which comprises 65-78 wt.% casein.
41. (Previously Presented) The liquid composition according to claim 29, in which the lipid fraction is in an amount of 5.0-7.0 g per 100 ml (0.45-0.63 kcal/ml).
42. (Previously Presented) The liquid composition according to claim 29 having a viscosity below 50 mPa.s at a shear rate of 100 s⁻¹ and a temperature of 20°C.
43. (Previously Presented) The liquid composition according to claim 29, in which the carbohydrate fraction comprises 18-23.5 g per 100 ml of digestible carbohydrates.
44. (Previously Presented) A liquid complete nutritional composition suitable for feeding cachectic patients and having an energy density of at least 1.45 kcal/ml (at least 6.06 kJ/ml), comprising:
- (a) a carbohydrate fraction in an amount of 17-27 g per 100 ml (0.68-1.0 kcal/ml) further comprising:

- (i) 0-35 wt.% of sucrose;
 - (ii) 15-45 wt.% of non-reducing mono-, di- and/or trisaccharides;
 - (iii) 5-50 wt.% of mono- and disaccharides; and
 - (iv) 5-40 wt.% of trisaccharides and higher saccharides;
- (b) a protein fraction; and
- (c) a lipid fraction.

45. (Currently Amended) A packaged food product comprising a unit package of between 5 and 150 ml of a liquid food product having an energy density of at least 1.45 kcal/ml and comprising at least 7.6 g intact protein per 100 ml, carbohydrates, fats, and optionally, vitamins.

46. (Currently Amended) A packaged food product comprising a unit package of between 5 and 250 ml of a liquid complete nutritional composition suitable for feeding cachectic patients and having an energy density of at least 1.45 kcal/ml (at least 6.06 kJ/ml), comprising:

- (a) a carbohydrate fraction in an amount of 17-27 g per 100 ml (0.68-1.08 kcal/ml);
- (b) ~~[[a]]~~ an intact protein fraction in an amount of 8.2-~~[[12]]~~ 11 g per 100 ml (0.31-0.48 kcal/ml); and
- (c) a lipid fraction,

wherein at least 70 wt.% of the protein fraction is obtained by demineralising milk, and wherein the intact protein fraction comprises between 25 and 37 wt.% of whey proteins and at least 8.2 g of intact protein per 100 ml.

47. (Currently Amended) A packaged food product comprising a unit package of between 5 and 250 ml of a liquid complete nutritional composition suitable for feeding cachectic patients and having an energy density of at least 1.45 kcal/ml (at least 6.06 kJ/ml), comprising:

- (a) a carbohydrate fraction in an amount of 17-27 g per 100 ml (0.68-1.08 kcal/ml);
- (b) ~~[[a]]~~ an intact protein fraction in an amount of 8.2-~~[[12]]~~ 11 g per 100 ml (0.31-0.48 kcal/ml); and

(c) a lipid fraction,
wherein at least 70 wt.% of the protein fraction is obtained by demineralising milk, and wherein the intact protein fraction comprises less than 5 wt.% of free amino acids and at least 8.2 g of intact protein per 100 ml.

48. (Previously Presented) A process for preparing a liquid product, comprising
(a) dissolving in an aqueous solution a dry demineralised milk product to obtain a liquid protein suspension;
(b) adjusting the suspension to a viscosity value of below 50 mPa.s at 100 s⁻¹; and
(c) mixing a portion of the suspension of (b) with, in any order, carbohydrates, fats, and water.

49. (Currently Amended) A powder, which upon reconstitution with water, provides a liquid complete nutritional composition suitable for feeding cachectic patients and having an energy density of at least 1.45 kcal/ml (at least 6.06 kJ/ml), comprising:

(a) a carbohydrate fraction in an amount of 17-27 g per 100 ml (0.68-1.08 kcal/ml);
(b) ~~[[a]]~~ an intact protein fraction in an amount of 8.2-~~[[12]]~~ 11 g per 100 ml (0.31-0.48 kcal/ml); and
(c) a lipid fraction,
wherein at least 70 wt.% of the protein fraction is obtained by demineralising milk, and wherein the intact protein fraction comprises between 25 and 37 wt.% of whey proteins and at least 8.2 g of intact protein per 100 ml.